



Loop Data Statistics
Post-Race Report

Federated Auto Parts 400
September 08, 2012



Average Running Position

Sum of driver position on each lap - divided by the laps run in the race.

Federated Auto Parts 400 Richmond International Raceway September 8, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Average Place
1	11	Denny Hamlin	FedEx Express	18	3.308
2	15	Clint Bowyer	5-hour Energy	1	3.908
3	88	Dale Earnhardt Jr.	Diet Mountain Dew/National Guard	14	5.828
4	56	Martin Truex Jr.	NAPA Auto Parts	21	8.068
5	48	Jimmie Johnson	Lowe's	13	8.225
6	29	Kevin Harvick	Budweiser	10	8.908
7	22	Sam Hornish Jr.	Shell Pennzoil	11	9.005
8	5	Kasey Kahne	Quaker State	12	9.022
9	55	Mark Martin	Aaron's Dream Machine	3	9.485
10	14	Tony Stewart	Office Depot/Mobil 1	4	10.528
11	17	Matt Kenseth	Best Buy	5	11.065
12	16	Greg Biffle	3M/Owens & Minor	9	11.992
13	18	Kyle Busch	M&M's	16	12.120
14	31	Jeff Burton	Caterpillar	6	12.688
15	2	Brad Keselowski	Miller Lite	7	12.730
16	39	Ryan Newman	Quicken Loans	8	12.972
17	24	Jeff Gordon	Drive to End Hunger	2	13.615
18	99	Carl Edwards	Kellogg's	17	17.328
19	42	Juan Pablo Montoya	Target	20	19.020
20	78	Regan Smith	Furniture Row/Farm American	24	19.500
21	9	Marcos Ambrose	MAC Tools	15	21.335
22	1	Jamie McMurray	Bass Pro Shops/Allstate	22	21.428
23	27	Paul Menard	Menards/Moen	23	22.905
24	83	Landon Cassill	Burger King	19	22.990
25	47	Bobby Labonte	Bush's Beans	25	24.022
26	43	Aric Almirola	Smithfield	26	25.375
27	20	Joey Logano	The Home Depot	30	25.902
28	93	Travis Kvapil	Burger King/Dr. Pepper	27	27.122
29	51	Kurt Busch	Phoenix Construction	28	29.165
30	13	Casey Mears	GEICO	29	29.285
31	36	Dave Blaney	Tommy Baldwin Racing	33	29.732
32	32	Ken Schrader	Federated Auto Parts	35	32.900
33	34	David Ragan	Taco Bell	32	32.930
34	38	David Gilliland	Mossy Oak/Pursuit Channel	31	33.078
35	10	David Reutimann	No.10 Inc. 5000-@TMone 6-peat	34	33.775
36	33	Stephen Leicht	Special Ops OPSEC	36	36.368
37	30	David Stremme	Inception Motorsports	37	37.502
38	87	Joe Nemechek	AM/FM Energy Wood & Pellet Stoves	38	37.608
39	23	Scott Riggs	North Texas Pipe	39	38.832
40	98	Michael McDowell	Phil Parsons Racing	41	39.575
41	19	Mike Bliss	Plinker Tactical	40	40.170
42	26	Josh Wise	MDS Transport	42	41.805
43	91	Reed Sorenson	Plinker Tactical	43	42.885



Box Score

Federated Auto Parts 400
Richmond International Raceway
September 8, 2012

Green Flag Passes for the Lead: 15

Car No.	Driver	Start	Mid Race	40 Laps to Go	Finish	High Pos	Low Pos	Avg Pos	Pass Diff.	Green Passes	Green Times Passed	Quality Passes	% of Quality Passes	# of Fastest Laps	Laps in Top 15	% of Laps in	Laps Led	% of Laps Led	Total Laps	Driver Rating	Pts
15	Clint Bowyer	4	2	1	1	1	16	4	10	32	22	26	81.3	25	397	99.3	88	22.0	400	126.3	47
24	Jeff Gordon	2	19	15	2	1	26	14	10	58	48	26	44.8	15	178	44.5	2	.5	400	102.2	43
55	Mark Martin	6	11	8	3	2	23	9	-2	68	70	46	67.6	4	377	94.3	0	.0	400	105.8	41
14	Tony Stewart	28	9	2	4	1	31	11	22	77	55	36	46.8	10	306	76.5	15	3.8	400	104.3	41
17	Matt Kenseth	17	13	9	5	1	26	11	3	76	73	55	72.4	2	339	84.8	0	.0	400	96.5	39
31	Jeff Burton	20	16	11	6	2	20	13	3	48	45	36	75.0	5	331	82.8	0	.0	400	87.1	38
2	Brad Keselowski	10	10	7	7	4	28	13	13	75	62	43	57.3	7	264	66.0	0	.0	400	87.7	37
39	Ryan Newman	14	14	6	8	1	22	13	-7	51	58	34	66.7	9	253	63.3	13	3.3	400	85.6	37
16	Greg Biffle	23	15	4	9	3	23	12	2	50	48	34	68.0	12	300	75.0	0	.0	400	88.1	35
29	Kevin Harvick	13	6	17	10	4	27	9	15	51	36	40	78.4	1	385	96.3	0	.0	400	102.8	34
22	Sam Hornish Jr.	11	8	10	11	5	20	9	-2	54	56	43	79.6	5	391	97.8	0	.0	400	96.9	0
5	Kasey Kahne	21	4	14	12	1	25	9	6	59	53	33	55.9	44	354	88.5	3	.8	399	106.7	33
48	Jimmie Johnson	5	5	16	13	1	24	8	-12	46	58	23	50.0	17	319	79.8	2	.5	399	101.7	32
88	Dale Earnhardt Jr.	1	7	5	14	1	21	6	-5	46	51	32	69.6	40	383	95.8	67	16.8	399	109.5	31
9	Marcos Ambrose	22	25	21	15	10	33	21	3	71	68	9	12.7	8	37	9.3	0	.0	399	73.5	29
18	Kyle Busch	15	12	18	16	4	27	12	-6	57	63	38	66.7	5	315	78.8	0	.0	399	81.2	28
99	Carl Edwards	16	18	19	17	7	27	17	11	71	60	24	33.8	3	117	29.3	0	.0	399	78.0	27
11	Denny Hamlin	7	1	3	18	1	19	3	3	43	40	27	62.8	61	385	96.3	202	50.5	399	125.6	28
83	Landon Cassill	12	21	20	19	11	35	23	-4	71	75	0	.0	0	7	1.8	0	.0	399	60.5	25
42	Juan Pablo Montoya	24	17	23	20	13	32	19	5	51	46	10	19.6	1	79	19.8	0	.0	399	69.5	24
56	Martin Truex Jr.	9	3	13	21	1	23	8	-14	51	65	25	49.0	31	334	83.5	7	1.8	399	99.2	24
1	Jamie McMurray	26	24	12	22	11	32	21	6	69	63	11	15.9	9	36	9.0	0	.0	398	68.6	22
27	Paul Menard	25	23	22	23	18	30	23	2	65	63	0	.0	0	0	.0	0	.0	398	63.6	21
78	Regan Smith	3	20	25	24	3	28	20	-15	32	47	3	9.4	2	75	18.8	0	.0	398	69.9	20

Provided by STATS LLC and NASCAR - Sunday, September 9, 2012





Box Score

Federated Auto Parts 400
Richmond International Raceway
September 8, 2012

Car No.	Driver	Start	Mid Race	40 Laps to Go	Finish	High Pos	Low Pos	Avg Pos	Pass Diff.	Green Passes	Green Times Passed	Quality Passes	% of Quality Passes	# of Fastest Laps	Laps in Top 15	% of Laps in	% of Laps Led	% of Laps Led	Total Laps	Driver Rating	Pts
47	Bobby Labonte	29	22	24	25	18	35	24	3	52	49	0	.0	1	0	.0	0	.0	397	59.3	19
43	Aric Almirola	18	26	27	26	17	33	25	-13	55	68	0	.0	1	0	.0	0	.0	397	58.2	18
93	Travis Kvapil	32	27	26	27	20	33	27	3	54	51	0	.0	1	0	.0	0	.0	397	54.2	17
51	Kurt Busch	30	31	28	28	20	35	29	-2	41	43	0	.0	7	0	.0	0	.0	396	55.6	16
13	Casey Mears	42	28	29	29	21	42	29	3	45	42	0	.0	2	0	.0	0	.0	396	49.8	15
20	Joey Logano	8	30	30	30	7	34	26	-21	41	62	3	7.3	2	28	7.0	0	.0	396	60.2	14
38	David Gilliland	35	33	31	31	30	42	33	-1	29	30	0	.0	3	0	.0	0	.0	395	44.0	13
34	David Ragan	27	34	33	32	22	43	33	-1	40	41	0	.0	1	0	.0	0	.0	395	44.9	12
36	Dave Blaney	33	29	35	33	22	36	30	-8	51	59	0	.0	3	0	.0	0	.0	395	48.2	11
10	David Reutimann	37	35	34	34	3	37	34	-4	28	32	0	.0	0	2	.5	0	.0	393	44.0	10
32	Ken Schrader	39	32	32	35	5	39	33	0	33	33	0	.0	0	1	.3	0	.0	393	36.6	9
33	Stephen Leicht	36	36	36	36	33	41	36	-3	14	17	0	.0	11	0	.0	0	.0	390	35.1	8
30	David Stremme	31	37	37	37	31	43	38	7	13	6	0	.0	10	0	.0	0	.0	127	31.2	7
87	Joe Nemechek	34	38	38	38	33	41	38	2	7	5	0	.0	0	0	.0	0	.0	90	36.5	0
23	Scott Riggs	38	39	39	39	34	43	39	-2	14	16	0	.0	0	0	.0	0	.0	78	32.5	5
19	Mike Bliss	40	40	40	40	39	43	40	2	4	2	0	.0	1	0	.0	0	.0	70	29.0	0
98	Michael McDowell	19	41	41	41	1	41	40	9	9	0	0	.0	0	3	.8	1	.3	63	35.2	4
26	Josh Wise	41	42	42	42	36	43	42	-7	3	10	0	.0	1	0	.0	0	.0	57	24.9	2
91	Reed Sorenson	43	43	43	43	38	43	43	0	1	1	0	.0	0	0	.0	0	.0	57	24.9	0





Box Score Glossary

Car No.	Driver	Mid Start	40 Laps Race to Go	Finish	High Pos	Low Pos	Avg Pos	Pass Diff.	Green Passes	Green Times Passed	Quality Passes	% of Quality Passes	# of Fastest Laps	Laps in Top 15	% of Laps in	Laps Led	% of Laps Led	Total Laps	Driver Rating	Pts
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Column Name

- Driver Rating:** Formula combining the following categories: Win, Finish, Top-15 Finish, Average Running Position while on Lead Lap, Average Speed Under Green, Fastest Lap, Led Most Laps, Lead-Lap Finish. Maximum: 150 points per race.
- Fastest Laps:** How many times driver had the fastest lap of all drivers
- Green Passes:** Green flag passes for position
- Green Times Passed:** Number of times passed under a green flag
- Passing Differential:** Total passes minues the number of times passed under a green flag
- Quality Passes:** Number of times passing a car running in the Top 15 while under a green flag





Closers

Positions improved in the last 10 percent (40 laps) of the race.

Federated Auto Parts 400 Richmond International Raceway September 8, 2012

Rk.	Car Number	Driver	Team	40 Laps To Go	Finish Pos.	Pos Gained
1	24	Jeff Gordon	Drive to End Hunger	15	2	13
2	29	Kevin Harvick	Budweiser	17	10	7
3	9	Marcos Ambrose	MAC Tools	21	15	6
t4	31	Jeff Burton	Caterpillar	11	6	5
t4	55	Mark Martin	Aaron's Dream Machine	8	3	5
6	17	Matt Kenseth	Best Buy	9	5	4
t7	48	Jimmie Johnson	Lowe's	16	13	3
t7	42	Juan Pablo Montoya	Target	23	20	3
t9	36	Dave Blaney	Tommy Baldwin Racing	35	33	2
t9	18	Kyle Busch	M&M's	18	16	2
t9	99	Carl Edwards	Kellogg's	19	17	2
t9	5	Kasey Kahne	Quaker State	14	12	2
t13	43	Aric Almirola	Smithfield	27	26	1
t13	83	Landon Cassill	Burger King	20	19	1
t13	34	David Ragan	Taco Bell	33	32	1
t13	78	Regan Smith	Furniture Row/Farm American	25	24	1
t17	19	Mike Bliss	Plinker Tactical	40	40	0
t17	15	Clint Bowyer	5-hour Energy	1	1	0
t17	51	Kurt Busch	Phoenix Construction	28	28	0
t17	38	David Gilliland	Mossy Oak/Pursuit Channel	31	31	0
t17	2	Brad Keselowski	Miller Lite	7	7	0
t17	33	Stephen Leicht	Special Ops OPSEC	36	36	0
t17	20	Joey Logano	The Home Depot	30	30	0
t17	98	Michael McDowell	Phil Parsons Racing	41	41	0
t17	13	Casey Mears	GEICO	29	29	0
t17	87	Joe Nemechek	AM/FM Energy Wood & Pellet Stoves	38	38	0
t17	10	David Reutimann	No.10 Inc. 5000-@TMone 6-peat	34	34	0
t17	23	Scott Riggs	North Texas Pipe	39	39	0
t17	91	Reed Sorenson	Plinker Tactical	43	43	0
t17	30	David Stremme	Inception Motorsports	37	37	0
t17	26	Josh Wise	MDS Transport	42	42	0
t32	22	Sam Hornish Jr.	Shell Pennzoil	10	11	-1
t32	93	Travis Kvapil	Burger King/Dr. Pepper	26	27	-1
t32	47	Bobby Labonte	Bush's Beans	24	25	-1
t32	27	Paul Menard	Menards/Moen	22	23	-1
t36	39	Ryan Newman	Quicken Loans	6	8	-2
t36	14	Tony Stewart	Office Depot/Mobil 1	2	4	-2
38	32	Ken Schrader	Federated Auto Parts	32	35	-3
39	16	Greg Biffle	3M/Owens & Minor	4	9	-5
40	56	Martin Truex Jr.	NAPA Auto Parts	13	21	-8
41	88	Dale Earnhardt Jr.	Diet Mountain Dew/National Guard	5	14	-9
42	1	Jamie McMurray	Bass Pro Shops/Allstate	12	22	-10
43	11	Denny Hamlin	FedEx Express	3	18	-15



Driver Rating

Formula combining the following categories: Win, Finish, Top-15 Finish, Average Running Position While on Lead Lap, Average Speed Under Green, Fastest lap, Led Most Laps, Lead-Lap Finish. Maximum: 150 points per race.

Federated Auto Parts 400 Richmond International Raceway September 8, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Driver Rating
1	15	Clint Bowyer	5-hour Energy	1	126.3
2	11	Denny Hamlin	FedEx Express	18	125.6
3	88	Dale Earnhardt Jr.	Diet Mountain Dew/National Guard	14	109.5
4	5	Kasey Kahne	Quaker State	12	106.7
5	55	Mark Martin	Aaron's Dream Machine	3	105.8
6	14	Tony Stewart	Office Depot/Mobil 1	4	104.3
7	29	Kevin Harvick	Budweiser	10	102.8
8	24	Jeff Gordon	Drive to End Hunger	2	102.2
9	48	Jimmie Johnson	Lowe's	13	101.7
10	56	Martin Truex Jr.	NAPA Auto Parts	21	99.2
11	22	Sam Hornish Jr.	Shell Pennzoil	11	96.9
12	17	Matt Kenseth	Best Buy	5	96.5
13	16	Greg Biffle	3M/Owens & Minor	9	88.1
14	2	Brad Keselowski	Miller Lite	7	87.7
15	31	Jeff Burton	Caterpillar	6	87.1
16	39	Ryan Newman	Quicken Loans	8	85.6
17	18	Kyle Busch	M&M's	16	81.2
18	99	Carl Edwards	Kellogg's	17	78.0
19	9	Marcos Ambrose	MAC Tools	15	73.5
20	78	Regan Smith	Furniture Row/Farm American	24	69.9
21	42	Juan Pablo Montoya	Target	20	69.5
22	1	Jamie McMurray	Bass Pro Shops/Allstate	22	68.6
23	27	Paul Menard	Menards/Moen	23	63.6
24	83	Landon Cassill	Burger King	19	60.5
25	20	Joey Logano	The Home Depot	30	60.2
26	47	Bobby Labonte	Bush's Beans	25	59.3
27	43	Aric Almirola	Smithfield	26	58.2
28	51	Kurt Busch	Phoenix Construction	28	55.6
29	93	Travis Kvapil	Burger King/Dr. Pepper	27	54.2
30	13	Casey Mears	GEICO	29	49.8
31	36	Dave Blaney	Tommy Baldwin Racing	33	48.2
32	34	David Ragan	Taco Bell	32	44.9
t33	38	David Gilliland	Mossy Oak/Pursuit Channel	31	44.0
t33	10	David Reutimann	No.10 Inc. 5000-@TMone 6-peat	34	44.0
35	32	Ken Schrader	Federated Auto Parts	35	36.6
36	87	Joe Nemechek	AM/FM Energy Wood & Pellet Stoves	38	36.5
37	98	Michael McDowell	Phil Parsons Racing	41	35.2
38	33	Stephen Leicht	Special Ops OPSEC	36	35.1
39	23	Scott Riggs	North Texas Pipe	39	32.5
40	30	David Stremme	Inception Motorsports	37	31.2
41	19	Mike Bliss	Plinker Tactical	40	29.0
t42	91	Reed Sorenson	Plinker Tactical	43	24.9
t42	26	Josh Wise	MDS Transport	42	24.9



Fastest Drivers Early In a Run

Ranks each driver during the first 25 percent of laps run since a pit stop.

Only includes drivers finishing within five laps of the leader.

Federated Auto Parts 400 Richmond International Raceway September 8, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Laps Completed	Speed
1	15	Clint Bowyer	5-hour Energy	1	400	119.523
2	11	Denny Hamlin	FedEx Express	18	399	119.424
3	56	Martin Truex Jr.	NAPA Auto Parts	21	399	119.318
4	48	Jimmie Johnson	Lowe's	13	399	119.115
5	5	Kasey Kahne	Quaker State	12	399	119.041
6	29	Kevin Harvick	Budweiser	10	400	118.840
7	88	Dale Earnhardt Jr.	Diet Mountain Dew/National Guard	14	399	118.751
8	14	Tony Stewart	Office Depot/Mobil 1	4	400	118.622
9	55	Mark Martin	Aaron's Dream Machine	3	400	118.607
10	22	Sam Hornish Jr.	Shell Pennzoil	11	400	118.600
11	18	Kyle Busch	M&M's	16	399	118.563
12	39	Ryan Newman	Quicken Loans	8	400	118.460
13	16	Greg Biffle	3M/Owens & Minor	9	400	118.451
14	2	Brad Keselowski	Miller Lite	7	400	118.379
15	24	Jeff Gordon	Drive to End Hunger	2	400	118.371
16	17	Matt Kenseth	Best Buy	5	400	118.283
17	31	Jeff Burton	Caterpillar	6	400	118.258
18	99	Carl Edwards	Kellogg's	17	399	118.009
19	78	Regan Smith	Furniture Row/Farm American	24	398	118.003
20	9	Marcos Ambrose	MAC Tools	15	399	117.925
21	1	Jamie McMurray	Bass Pro Shops/Allstate	22	398	117.708
22	42	Juan Pablo Montoya	Target	20	399	117.681
23	47	Bobby Labonte	Bush's Beans	25	397	117.608
24	13	Casey Mears	GEICO	29	396	117.607
25	27	Paul Menard	Menards/Moen	23	398	117.414
26	83	Landon Cassill	Burger King	19	399	117.378
27	51	Kurt Busch	Phoenix Construction	28	396	117.312
28	43	Aric Almirola	Smithfield	26	397	117.277
29	20	Joey Logano	The Home Depot	30	396	117.154
30	93	Travis Kvapil	Burger King/Dr. Pepper	27	397	117.074
31	34	David Ragan	Taco Bell	32	395	117.001
32	38	David Gilliland	Mossy Oak/Pursuit Channel	31	395	116.694
33	36	Dave Blaney	Tommy Baldwin Racing	33	395	116.596



Fastest Drivers Late In a Run

Ranks each driver during the last 25 percent of laps run since a pit stop.

Only includes drivers finishing within five laps of the leader.

Federated Auto Parts 400 Richmond International Raceway September 8, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Laps Completed	Speed
1	5	Kasey Kahne	Quaker State	12	399	113.574
2	14	Tony Stewart	Office Depot/Mobil 1	4	400	113.564
3	17	Matt Kenseth	Best Buy	5	400	113.449
4	15	Clint Bowyer	5-hour Energy	1	400	113.363
5	11	Denny Hamlin	FedEx Express	18	399	113.305
6	55	Mark Martin	Aaron's Dream Machine	3	400	113.244
7	48	Jimmie Johnson	Lowe's	13	399	113.197
8	99	Carl Edwards	Kellogg's	17	399	113.185
9	83	Landon Cassill	Burger King	19	399	113.130
10	2	Brad Keselowski	Miller Lite	7	400	113.020
11	88	Dale Earnhardt Jr.	Diet Mountain Dew/National Guard	14	399	112.992
12	18	Kyle Busch	M&M's	16	399	112.988
13	27	Paul Menard	Menards/Moen	23	398	112.979
14	22	Sam Hornish Jr.	Shell Pennzoil	11	400	112.965
15	47	Bobby Labonte	Bush's Beans	25	397	112.942
16	1	Jamie McMurray	Bass Pro Shops/Allstate	22	398	112.844
17	9	Marcos Ambrose	MAC Tools	15	399	112.837
18	42	Juan Pablo Montoya	Target	20	399	112.790
19	56	Martin Truex Jr.	NAPA Auto Parts	21	399	112.785
20	29	Kevin Harvick	Budweiser	10	400	112.762
21	39	Ryan Newman	Quicken Loans	8	400	112.741
22	78	Regan Smith	Furniture Row/Farm American	24	398	112.730
23	24	Jeff Gordon	Drive to End Hunger	2	400	112.712
24	31	Jeff Burton	Caterpillar	6	400	112.576
25	16	Greg Biffle	3M/Owens & Minor	9	400	112.547
26	36	Dave Blaney	Tommy Baldwin Racing	33	395	112.444
27	93	Travis Kvapil	Burger King/Dr. Pepper	27	397	112.298
28	43	Aric Almirola	Smithfield	26	397	112.187
29	51	Kurt Busch	Phoenix Construction	28	396	111.859
30	13	Casey Mears	GEICO	29	396	111.742
31	20	Joey Logano	The Home Depot	30	396	111.725
32	34	David Ragan	Taco Bell	32	395	111.458
33	38	David Gilliland	Mossy Oak/Pursuit Channel	31	395	110.483



Fastest Laps Run

The number of laps a driver had the fastest lap in the race.

Green Flag Laps in Race: 354

Federated Auto Parts 400 Richmond International Raceway September 8, 2012

Rk.	Car Number	Driver	Team	Percent of Fastest Laps	Finish Pos.	Total Fastest Laps
1	11	Denny Hamlin	FedEx Express	17.2	18	61
2	5	Kasey Kahne	Quaker State	12.4	12	44
3	88	Dale Earnhardt Jr.	Diet Mountain Dew/National Guard	11.3	14	40
4	56	Martin Truex Jr.	NAPA Auto Parts	8.8	21	31
5	15	Clint Bowyer	5-hour Energy	7.1	1	25
6	48	Jimmie Johnson	Lowe's	4.8	13	17
7	24	Jeff Gordon	Drive to End Hunger	4.2	2	15
8	16	Greg Biffle	3M/Owens & Minor	3.4	9	12
9	33	Stephen Leicht	Special Ops OPSEC	3.1	36	11
t10	14	Tony Stewart	Office Depot/Mobil 1	2.8	4	10
t10	30	David Stremme	Inception Motorsports	2.8	37	10
t12	1	Jamie McMurray	Bass Pro Shops/Allstate	2.5	22	9
t12	39	Ryan Newman	Quicken Loans	2.5	8	9
14	9	Marcos Ambrose	MAC Tools	2.3	15	8
t15	51	Kurt Busch	Phoenix Construction	2.0	28	7
t15	2	Brad Keselowski	Miller Lite	2.0	7	7
t17	31	Jeff Burton	Caterpillar	1.4	6	5
t17	18	Kyle Busch	M&M's	1.4	16	5
t17	22	Sam Hornish Jr.	Shell Pennzoil	1.4	11	5
20	55	Mark Martin	Aaron's Dream Machine	1.1	3	4
t21	36	Dave Blaney	Tommy Baldwin Racing	.8	33	3
t21	99	Carl Edwards	Kellogg's	.8	17	3
t21	38	David Gilliland	Mossy Oak/Pursuit Channel	.8	31	3
t24	17	Matt Kenseth	Best Buy	.6	5	2
t24	20	Joey Logano	The Home Depot	.6	30	2
t24	13	Casey Mears	GEICO	.6	29	2
t24	78	Regan Smith	Furniture Row/Farm American	.6	24	2
t28	43	Aric Almirola	Smithfield	.3	26	1
t28	19	Mike Bliss	Plinker Tactical	.3	40	1
t28	29	Kevin Harvick	Budweiser	.3	10	1
t28	93	Travis Kvapil	Burger King/Dr. Pepper	.3	27	1
t28	47	Bobby Labonte	Bush's Beans	.3	25	1
t28	42	Juan Pablo Montoya	Target	.3	20	1
t28	34	David Ragan	Taco Bell	.3	32	1
t28	26	Josh Wise	MDS Transport	.3	42	1



Fastest on Restarts

Average speed of first two laps under green.

Federated Auto Parts 400
Richmond International Raceway
September 8, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Average Speed
1	11	Denny Hamlin	FedEx Express	18	113.578
2	88	Dale Earnhardt Jr.	Diet Mountain Dew/National Guard	14	113.514
3	56	Martin Truex Jr.	NAPA Auto Parts	21	112.848
4	29	Kevin Harvick	Budweiser	10	112.660
5	15	Clint Bowyer	5-hour Energy	1	112.360
6	5	Kasey Kahne	Quaker State	12	112.206
7	48	Jimmie Johnson	Lowe's	13	112.168
8	22	Sam Hornish Jr.	Shell Pennzoil	11	112.089
9	31	Jeff Burton	Caterpillar	6	112.080
10	14	Tony Stewart	Office Depot/Mobil 1	4	112.048
11	17	Matt Kenseth	Best Buy	5	112.047
12	55	Mark Martin	Aaron's Dream Machine	3	111.856
13	2	Brad Keselowski	Miller Lite	7	111.819
14	34	David Ragan	Taco Bell	32	111.815
15	78	Regan Smith	Furniture Row/Farm American	24	111.772
16	16	Greg Biffle	3M/Owens & Minor	9	111.723
17	24	Jeff Gordon	Drive to End Hunger	2	111.668
18	18	Kyle Busch	M&M's	16	111.547
19	47	Bobby Labonte	Bush's Beans	25	111.536
20	99	Carl Edwards	Kellogg's	17	111.490
21	42	Juan Pablo Montoya	Target	20	111.290
22	51	Kurt Busch	Phoenix Construction	28	111.158
23	9	Marcos Ambrose	MAC Tools	15	111.104
24	39	Ryan Newman	Quicken Loans	8	110.990
25	1	Jamie McMurray	Bass Pro Shops/Allstate	22	110.867
26	20	Joey Logano	The Home Depot	30	110.828
27	83	Landon Cassill	Burger King	19	110.775
28	33	Stephen Leicht	Special Ops OPSEC	36	110.769
29	43	Aric Almirola	Smithfield	26	110.725
30	93	Travis Kvapil	Burger King/Dr. Pepper	27	110.500
31	38	David Gilliland	Mossy Oak/Pursuit Channel	31	110.414
32	36	Dave Blaney	Tommy Baldwin Racing	33	110.320
33	13	Casey Mears	GEICO	29	110.305
34	27	Paul Menard	Menards/Moen	23	110.173
35	10	David Reutimann	No.10 Inc. 5000-@TMone 6-peat	34	110.135
36	32	Ken Schrader	Federated Auto Parts	35	109.823
37	19	Mike Bliss	Plinker Tactical	40	106.150
38	23	Scott Riggs	North Texas Pipe	39	105.897
39	30	David Stremme	Inception Motorsports	37	105.614
40	87	Joe Nemechek	AM/FM Energy Wood & Pellet Stoves	38	105.072
41	98	Michael McDowell	Phil Parsons Racing	41	104.891
42	91	Reed Sorenson	Plinker Tactical	43	104.741
43	26	Josh Wise	MDS Transport	42	103.053

Green Flag Passes

Drivers with the most passes during green flag conditions in the race.

Federated Auto Parts 400 Richmond International Raceway September 8, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Green Flag Passes
1	14	Tony Stewart	Office Depot/Mobil 1	4	77
2	17	Matt Kenseth	Best Buy	5	76
3	2	Brad Keselowski	Miller Lite	7	75
t4	9	Marcos Ambrose	MAC Tools	15	71
t4	83	Landon Cassill	Burger King	19	71
t4	99	Carl Edwards	Kellogg's	17	71
7	1	Jamie McMurray	Bass Pro Shops/Allstate	22	69
8	55	Mark Martin	Aaron's Dream Machine	3	68
9	27	Paul Menard	Menards/Moen	23	65
10	5	Kasey Kahne	Quaker State	12	59
11	24	Jeff Gordon	Drive to End Hunger	2	58
12	18	Kyle Busch	M&M's	16	57
13	43	Aric Almirola	Smithfield	26	55
t14	22	Sam Hornish Jr.	Shell Pennzoil	11	54
t14	93	Travis Kvapil	Burger King/Dr. Pepper	27	54
16	47	Bobby Labonte	Bush's Beans	25	52
t17	36	Dave Blaney	Tommy Baldwin Racing	33	51
t17	29	Kevin Harvick	Budweiser	10	51
t17	42	Juan Pablo Montoya	Target	20	51
t17	39	Ryan Newman	Quicken Loans	8	51
t17	56	Martin Truex Jr.	NAPA Auto Parts	21	51
22	16	Greg Biffle	3M/Owens & Minor	9	50
23	31	Jeff Burton	Caterpillar	6	48
t24	88	Dale Earnhardt Jr.	Diet Mountain Dew/National Guard	14	46
t24	48	Jimmie Johnson	Lowe's	13	46
26	13	Casey Mears	GEICO	29	45
27	11	Denny Hamlin	FedEx Express	18	43
t28	51	Kurt Busch	Phoenix Construction	28	41
t28	20	Joey Logano	The Home Depot	30	41
30	34	David Ragan	Taco Bell	32	40
31	32	Ken Schrader	Federated Auto Parts	35	33
t32	15	Clint Bowyer	5-hour Energy	1	32
t32	78	Regan Smith	Furniture Row/Farm American	24	32
34	38	David Gilliland	Mossy Oak/Pursuit Channel	31	29
35	10	David Reutimann	No.10 Inc. 5000-@TMone 6-peat	34	28
t36	33	Stephen Leicht	Special Ops OPSEC	36	14
t36	23	Scott Riggs	North Texas Pipe	39	14
38	30	David Stremme	Inception Motorsports	37	13
39	98	Michael McDowell	Phil Parsons Racing	41	9
40	87	Joe Nemechek	AM/FM Energy Wood & Pellet Stoves	38	7
41	19	Mike Bliss	Plinker Tactical	40	4
42	26	Josh Wise	MDS Transport	42	3
43	91	Reed Sorenson	Plinker Tactical	43	1



Green Flag Speed

Fastest drivers during green flag conditions in the race.

Federated Auto Parts 400
Richmond International Raceway
September 8, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Green Flag Speed
1	11	Denny Hamlin	FedEx Express	18	115.735
2	5	Kasey Kahne	Quaker State	12	115.658
3	14	Tony Stewart	Office Depot/Mobil 1	4	115.643
4	55	Mark Martin	Aaron's Dream Machine	3	115.595
5	29	Kevin Harvick	Budweiser	10	115.565
6	88	Dale Earnhardt Jr.	Diet Mountain Dew/National Guard	14	115.565
7	17	Matt Kenseth	Best Buy	5	115.514
8	15	Clint Bowyer	5-hour Energy	1	115.501
9	48	Jimmie Johnson	Lowe's	13	115.458
10	24	Jeff Gordon	Drive to End Hunger	2	115.457
11	22	Sam Hornish Jr.	Shell Pennzoil	11	115.440
12	56	Martin Truex Jr.	NAPA Auto Parts	21	115.355
13	99	Carl Edwards	Kellogg's	17	115.315
14	2	Brad Keselowski	Miller Lite	7	115.306
15	16	Greg Biffle	3M/Owens & Minor	9	115.263
16	39	Ryan Newman	Quicken Loans	8	115.218
17	9	Marcos Ambrose	MAC Tools	15	115.214
18	1	Jamie McMurray	Bass Pro Shops/Allstate	22	115.213
19	31	Jeff Burton	Caterpillar	6	115.177
20	18	Kyle Busch	M&M's	16	115.154
21	78	Regan Smith	Furniture Row/Farm American	24	115.037
22	42	Juan Pablo Montoya	Target	20	115.002
23	27	Paul Menard	Menards/Moen	23	114.996
24	83	Landon Cassill	Burger King	19	114.993
25	47	Bobby Labonte	Bush's Beans	25	114.825
26	93	Travis Kvapil	Burger King/Dr. Pepper	27	114.622
27	51	Kurt Busch	Phoenix Construction	28	114.593
28	43	Aric Almirola	Smithfield	26	114.531
29	20	Joey Logano	The Home Depot	30	114.482
30	13	Casey Mears	GEICO	29	114.370
31	36	Dave Blaney	Tommy Baldwin Racing	33	114.185
32	38	David Gilliland	Mossy Oak/Pursuit Channel	31	114.088
33	34	David Ragan	Taco Bell	32	114.037



Laps in Top 15

The number of laps that a driver was within the top 15 positions in the race.

Laps in Race: 400

Federated Auto Parts 400 Richmond International Raceway September 8, 2012

Rk.	Car Number	Driver	Team	Percentage of Laps in Top 15	Finish Pos.	Laps in Top 15
1	15	Clint Bowyer	5-hour Energy	99.3	1	397
2	22	Sam Hornish Jr.	Shell Pennzoil	97.8	11	391
t3	11	Denny Hamlin	FedEx Express	96.3	18	385
t3	29	Kevin Harvick	Budweiser	96.3	10	385
5	88	Dale Earnhardt Jr.	Diet Mountain Dew/National Guard	95.8	14	383
6	55	Mark Martin	Aaron's Dream Machine	94.3	3	377
7	5	Kasey Kahne	Quaker State	88.5	12	354
8	17	Matt Kenseth	Best Buy	84.8	5	339
9	56	Martin Truex Jr.	NAPA Auto Parts	83.5	21	334
10	31	Jeff Burton	Caterpillar	82.8	6	331
11	48	Jimmie Johnson	Lowe's	79.8	13	319
12	18	Kyle Busch	M&M's	78.8	16	315
13	14	Tony Stewart	Office Depot/Mobil 1	76.5	4	306
14	16	Greg Biffle	3M/Owens & Minor	75.0	9	300
15	2	Brad Keselowski	Miller Lite	66.0	7	264
16	39	Ryan Newman	Quicken Loans	63.3	8	253
17	24	Jeff Gordon	Drive to End Hunger	44.5	2	178
18	99	Carl Edwards	Kellogg's	29.3	17	117
19	42	Juan Pablo Montoya	Target	19.8	20	79
20	78	Regan Smith	Furniture Row/Farm American	18.8	24	75
21	9	Marcos Ambrose	MAC Tools	9.3	15	37
22	1	Jamie McMurray	Bass Pro Shops/Allstate	9.0	22	36
23	20	Joey Logano	The Home Depot	7.0	30	28
24	83	Landon Cassill	Burger King	1.8	19	7
25	98	Michael McDowell	Phil Parsons Racing	.8	41	3
26	10	David Reutimann	No.10 Inc. 5000-@TMone 6-peat	.5	34	2
27	32	Ken Schrader	Federated Auto Parts	.3	35	1



Laps Led

Number of laps the driver led in the race.
Laps in Race: 400

Federated Auto Parts 400 Richmond International Raceway September 8, 2012

Rk.	Car Number	Driver	Team	Percent of Laps Led	Finish Pos.	Laps Led
1	11	Denny Hamlin	FedEx Express	50.5	18	202
2	15	Clint Bowyer	5-hour Energy	22.0	1	88
3	88	Dale Earnhardt Jr.	Diet Mountain Dew/National Guard	16.8	14	67
4	14	Tony Stewart	Office Depot/Mobil 1	3.8	4	15
5	39	Ryan Newman	Quicken Loans	3.3	8	13
6	56	Martin Truex Jr.	NAPA Auto Parts	1.8	21	7
7	5	Kasey Kahne	Quaker State	.8	12	3
t8	24	Jeff Gordon	Drive to End Hunger	.5	2	2
t8	48	Jimmie Johnson	Lowe's	.5	13	2
10	98	Michael McDowell	Phil Parsons Racing	.3	41	1



Quality Passes

Passing a car running in the Top 15 while under a green flag.

Federated Auto Parts 400
Richmond International Raceway
September 8, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Quality Passes
1	17	Matt Kenseth	Best Buy	5	55
2	55	Mark Martin	Aaron's Dream Machine	3	46
t3	22	Sam Hornish Jr.	Shell Pennzoil	11	43
t3	2	Brad Keselowski	Miller Lite	7	43
5	29	Kevin Harvick	Budweiser	10	40
6	18	Kyle Busch	M&M's	16	38
t7	31	Jeff Burton	Caterpillar	6	36
t7	14	Tony Stewart	Office Depot/Mobil 1	4	36
t9	16	Greg Biffle	3M/Owens & Minor	9	34
t9	39	Ryan Newman	Quicken Loans	8	34
11	5	Kasey Kahne	Quaker State	12	33
12	88	Dale Earnhardt Jr.	Diet Mountain Dew/National Guard	14	32
13	11	Denny Hamlin	FedEx Express	18	27
t14	15	Clint Bowyer	5-hour Energy	1	26
t14	24	Jeff Gordon	Drive to End Hunger	2	26
16	56	Martin Truex Jr.	NAPA Auto Parts	21	25
17	99	Carl Edwards	Kellogg's	17	24
18	48	Jimmie Johnson	Lowe's	13	23
19	1	Jamie McMurray	Bass Pro Shops/Allstate	22	11
20	42	Juan Pablo Montoya	Target	20	10
21	9	Marcos Ambrose	MAC Tools	15	9
t22	20	Joey Logano	The Home Depot	30	3
t22	78	Regan Smith	Furniture Row/Farm American	24	3



Speed by Quarter

Difference between the Average Green Flag Speed of the Driver from the Field in each Quarter

Only includes drivers finishing within five laps of the leader.

Federated Auto Parts 400 Richmond International Raceway September 8, 2012

Rk.	Car Number	Driver	Finish Pos.	Q1	Q2	Q3	Q4	Total
1	11	Denny Hamlin	18	1.789	1.269	1.209	-.658	.844
2	5	Kasey Kahne	12	1.031	.993	.728	.106	.690
3	14	Tony Stewart	4	.218	.747	.769	.940	.681
4	88	Dale Earnhardt Jr.	14	1.750	.870	.740	-.544	.656
5	29	Kevin Harvick	10	.868	.494	.644	.573	.643
6	15	Clint Bowyer	1	1.595	1.056	.609	-.673	.584
7	55	Mark Martin	3	.464	.427	.292	.990	.562
8	17	Matt Kenseth	5	.443	.341	.572	.734	.533
9	48	Jimmie Johnson	13	1.425	.696	-.008	.028	.512
10	24	Jeff Gordon	2	.458	-.353	.614	1.151	.502
11	22	Sam Hornish Jr.	11	.996	.496	.362	.147	.486
12	56	Martin Truex Jr.	21	1.354	.779	.416	-.590	.447
13	2	Brad Keselowski	7	.131	.486	.258	.388	.318
14	16	Greg Biffle	9	.685	-.358	.335	.508	.307
15	99	Carl Edwards	17	.432	.191	-.076	.516	.274
16	39	Ryan Newman	8	.090	.038	.330	.498	.252
17	31	Jeff Burton	6	.366	-.152	.023	.501	.200
18	18	Kyle Busch	16	.953	.146	-.353	.025	.187
19	9	Marcos Ambrose	15	-.164	-.220	.468	.398	.140
20	1	Jamie McMurray	22	-.017	.133	.465	-.020	.135
21	78	Regan Smith	24	.224	-.270	-.046	.315	.069
22	42	Juan Pablo Montoya	20	.087	.031	-.659	.427	-.011
23	83	Landon Cassill	19	-.415	-.002	-.575	.559	-.081
24	27	Paul Menard	23	-.143	-.126	-.189	-.069	-.130
25	47	Bobby Labonte	25	-.287	-.067	-.401	-.078	-.204
26	93	Travis Kvapil	27	-.396	-.691	-.804	.123	-.417
27	43	Aric Almirola	26	-.439	-.770	-.805	.100	-.452
28	51	Kurt Busch	28	-.364	-.952	-.296	-.344	-.473
29	20	Joey Logano	30	-.101	-.739	-.802	-.688	-.585
30	13	Casey Mears	29	-.613	-1.074	-.733	-.396	-.689
31	36	Dave Blaney	33	-.598	-.633	-.864	-1.194	-.838
32	34	David Ragan	32	-.630	-1.483	-1.077	-.415	-.878
33	38	David Gilliland	31	-.949	-1.496	-.714	-.900	-.999



Speed In Traffic

Speed when there is another vehicle within one car length (green conditions only).

Federated Auto Parts 400 Richmond International Raceway September 8, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Speed
1	98	Michael McDowell	Phil Parsons Racing	41	116.600
2	17	Matt Kenseth	Best Buy	5	115.856
3	2	Brad Keselowski	Miller Lite	7	115.794
4	99	Carl Edwards	Kellogg's	17	115.747
5	29	Kevin Harvick	Budweiser	10	115.710
6	22	Sam Hornish Jr.	Shell Pennzoil	11	115.708
7	24	Jeff Gordon	Drive to End Hunger	2	115.699
8	55	Mark Martin	Aaron's Dream Machine	3	115.611
9	14	Tony Stewart	Office Depot/Mobil 1	4	115.601
10	1	Jamie McMurray	Bass Pro Shops/Allstate	22	115.497
11	18	Kyle Busch	M&M's	16	115.457
12	39	Ryan Newman	Quicken Loans	8	115.412
13	27	Paul Menard	Menards/Moen	23	115.409
14	9	Marcos Ambrose	MAC Tools	15	115.383
15	42	Juan Pablo Montoya	Target	20	115.343
16	16	Greg Biffle	3M/Owens & Minor	9	115.295
17	31	Jeff Burton	Caterpillar	6	115.238
18	78	Regan Smith	Furniture Row/Farm American	24	115.215
19	48	Jimmie Johnson	Lowe's	13	115.210
20	5	Kasey Kahne	Quaker State	12	115.197
21	47	Bobby Labonte	Bush's Beans	25	115.097
22	83	Landon Cassill	Burger King	19	115.053
23	88	Dale Earnhardt Jr.	Diet Mountain Dew/National Guard	14	114.982
24	15	Clint Bowyer	5-hour Energy	1	114.798
25	93	Travis Kvapil	Burger King/Dr. Pepper	27	114.724
26	23	Scott Riggs	North Texas Pipe	39	114.654
27	56	Martin Truex Jr.	NAPA Auto Parts	21	114.642
28	43	Aric Almirola	Smithfield	26	114.464
29	11	Denny Hamlin	FedEx Express	18	114.447
30	20	Joey Logano	The Home Depot	30	114.357
31	13	Casey Mears	GEICO	29	114.341
32	51	Kurt Busch	Phoenix Construction	28	114.255
33	26	Josh Wise	MDS Transport	42	114.189
34	34	David Ragan	Taco Bell	32	114.175
35	36	Dave Blaney	Tommy Baldwin Racing	33	114.150
36	10	David Reutimann	No.10 Inc. 5000-@TMone 6-peat	34	114.027
37	87	Joe Nemechek	AM/FM Energy Wood & Pellet Stoves	38	113.894
38	38	David Gilliland	Mossy Oak/Pursuit Channel	31	113.862
39	33	Stephen Leicht	Special Ops OPSEC	36	113.554
40	32	Ken Schrader	Federated Auto Parts	35	113.265
41	19	Mike Bliss	Plinker Tactical	40	113.175
42	30	David Stremme	Inception Motorsports	37	112.789
43	91	Reed Sorenson	Plinker Tactical	43	111.824

Provided by STATS LLC and NASCAR - Sunday, September 9, 2012

